

# California OES Weather Threat Briefing

Friday, December 31, 2021  
9:00 AM PST

**Day 1 (Friday):** Unseasonably cold temperatures will persist over northeastern California and across the Sierras. Gusty winds are expected across the southern mountains and deserts.

National Weather Service

*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# **WEATHER KEY POINTS**

**12/31/21 - 01/06/22**

## **Friday-Thursday**

- Areas of light rain and mountain snow will continue Friday
- Gusty winds of 45-65 mph are possible over the southern CA mountains and deserts Friday and Friday night, with areas of reduced visibility in blowing dust in the deserts.
- Colder than typical temperatures are expected through much of the upcoming work week and into the new year, with nighttime temperatures remaining 10 to 20 degrees below normal throughout the week.
- Astronomical high tides through early next week are some of the highest of the year
  - Tides will peak near 8.81 feet at Humboldt Bay on Sunday January 2nd and Monday January 3rd. This combined with strong south winds along the coast could bring significant coastal flooding to areas around Humboldt Bay and possibly on Highway 101 on the south side of Crescent City.
  - High tides will remain above 7ft across the Bay Area Saturday through Monday and could result in localized coastal and shoreline flooding in low lying areas.
- Another round of rain and mountain snow will return to NW CA on Sunday, and spread south into central CA Monday and Tuesday.
  - Additional heavy precipitation and areas of gusty winds are possible with this next storm, however recent forecast trends have been lower than the last couple of days
  - Gusty winds Monday night into Tuesday could bring down additional trees/power lines and cause blowing snow. Gusts 40-60 mph in the mountains, 25-45 mph elsewhere.
  - Debris flow threat from rain on snow low at this time given forecast precip and water content of snow in foothills



# CALIFORNIA WEATHER IMPACTS

12/31/21 - 01/06/22

<u>Hazards / Day</u>	FRI	SAT	SUN	MON	TUE	WED	THU
<b>Non-Thunderstorm Damaging Winds</b>	Southern		Coastal	Coastal/ Inland	Inland	Inland	
<b>Snow</b>			Coastal	Coastal/ Inland	Coastal/ Inland	Inland	
<b>Coastal Flooding</b>		Central Coast	North & Central Coast	North & Central Coast	North Coast		
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)							
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)							
<b>Heat Risk</b>							
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>			Coastal	Coastal/ Inland	Coastal/ Inland		
<b>Cold</b>	All	All	All	All	All	All	All



No Impacts



Minimal Impacts



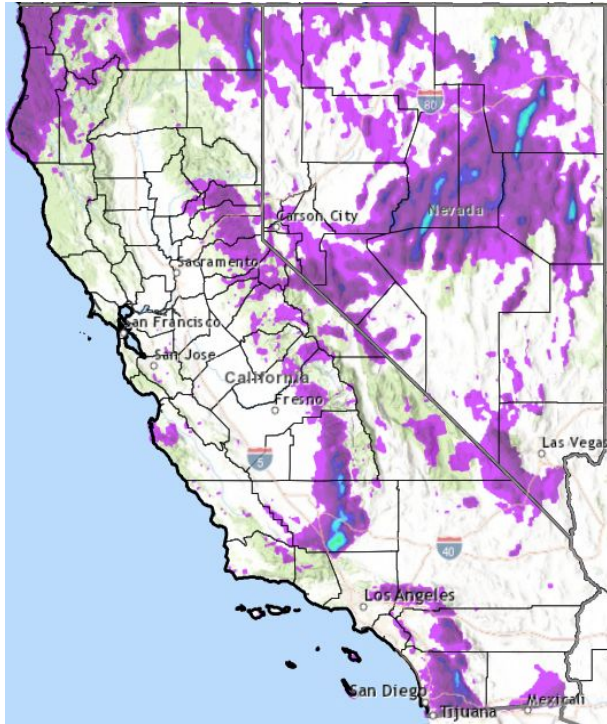
Moderate Impacts



Severe Impacts

# PRECIPITATION FORECAST

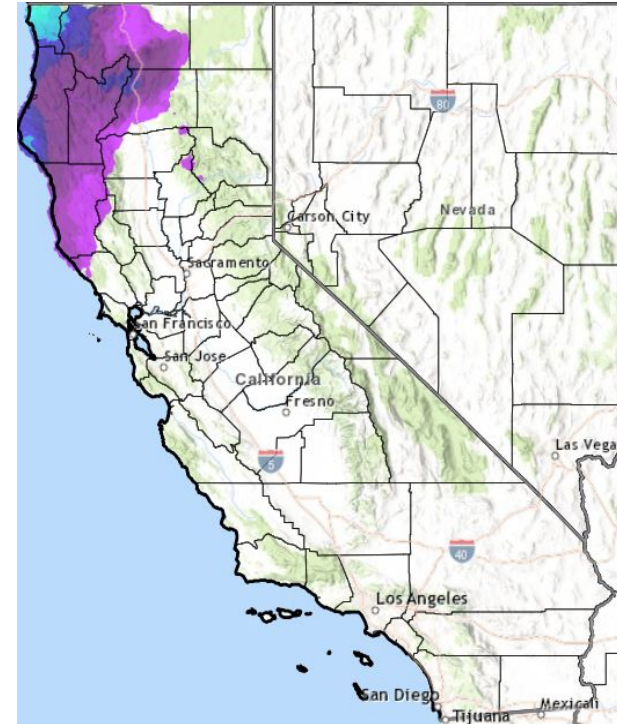
12/31/21 - 01/02/22



**Friday**



**Saturday**



**Sunday**

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

**Precipitation (inches)**



# **WEATHER OUTLOOK**

**01/05/21 - 01/13/22**

## **6-10 Day Outlook (January 5 – January 9)**

### **Temperatures**

- Near normal temperatures are favored statewide.

### **Precipitation**

- Above normal precipitation is favored across northern California, while near normal precipitation is favored across central and southern California.

## **8-14 Day Outlook (January 7 – January 13)**

### **Temperatures**

- Near normal temperatures are favored across most of the state, except below normal temperatures favored across far southeastern CA.

### **Precipitation**

- Near normal precipitation is favored across most of the state, except for odds of slightly above normal precipitation across Modoc County.



Information provided by:

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